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99706-5

9 November 1965

Declass Review by NGA.

## MEMORANDUM FOR THE RECORD

SUBJECT: Rear-Projection Viewer

REFERENCE: Development Objectives titled "Rear-Projection Viewer",  
dated 28 October 1965.

1. This memorandum is the first of a series of memoranda listing items that should be considered in the evaluation of proposals submitted in response to the referenced development objective. The objective was not written as a specification; as a consequence, every minute detail of the development was not covered, notwithstanding the fact that new concepts arise, while the original ones change. These memoranda will give the monitor a more current and complete insight into the development of a Rear-Projection Viewer.

2. The following listing is from [ ] PAG.

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a. The image positioning control should include a film centering control which would allow the operator to automatically return to the center of the film format.

b. A azimuth reference ring should be provided in the image rotation control. A control should be provided to allow automatic return to a zero reference on this azimuth ring.

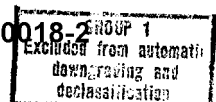
c. The film footage counter is rarely used, therefore, an off-on switch should be provided, permitting projection of the indicator at the discretion of the operator.

d. The electronics should be modular, permitting quick replacement and reducing "Down-Time".

e. The inside of the viewer should be maintained at a higher atmospheric pressure than the room at all times to prevent dust from entering the viewer. The bottom of the instrument should be covered preventing warm air carrying dust from rising into the viewer.

f. The access doors should not extend over three feet when opened.

g. Any oil holes shall be constructed to prevent oil from dripping or running on any other portion of the instrument.

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h. If automatic film loading is not provided, a film loading diagram should be plainly marked on the viewer.



Development Branch, P&DS

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